FIG.1B

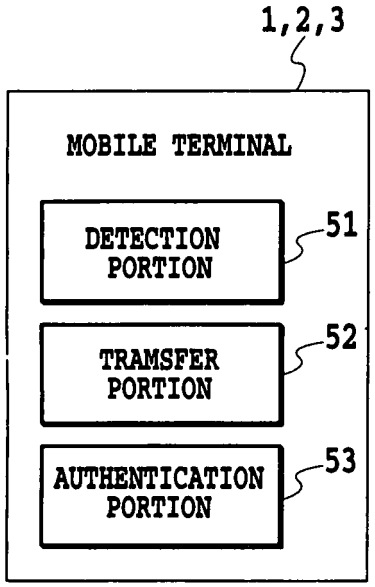
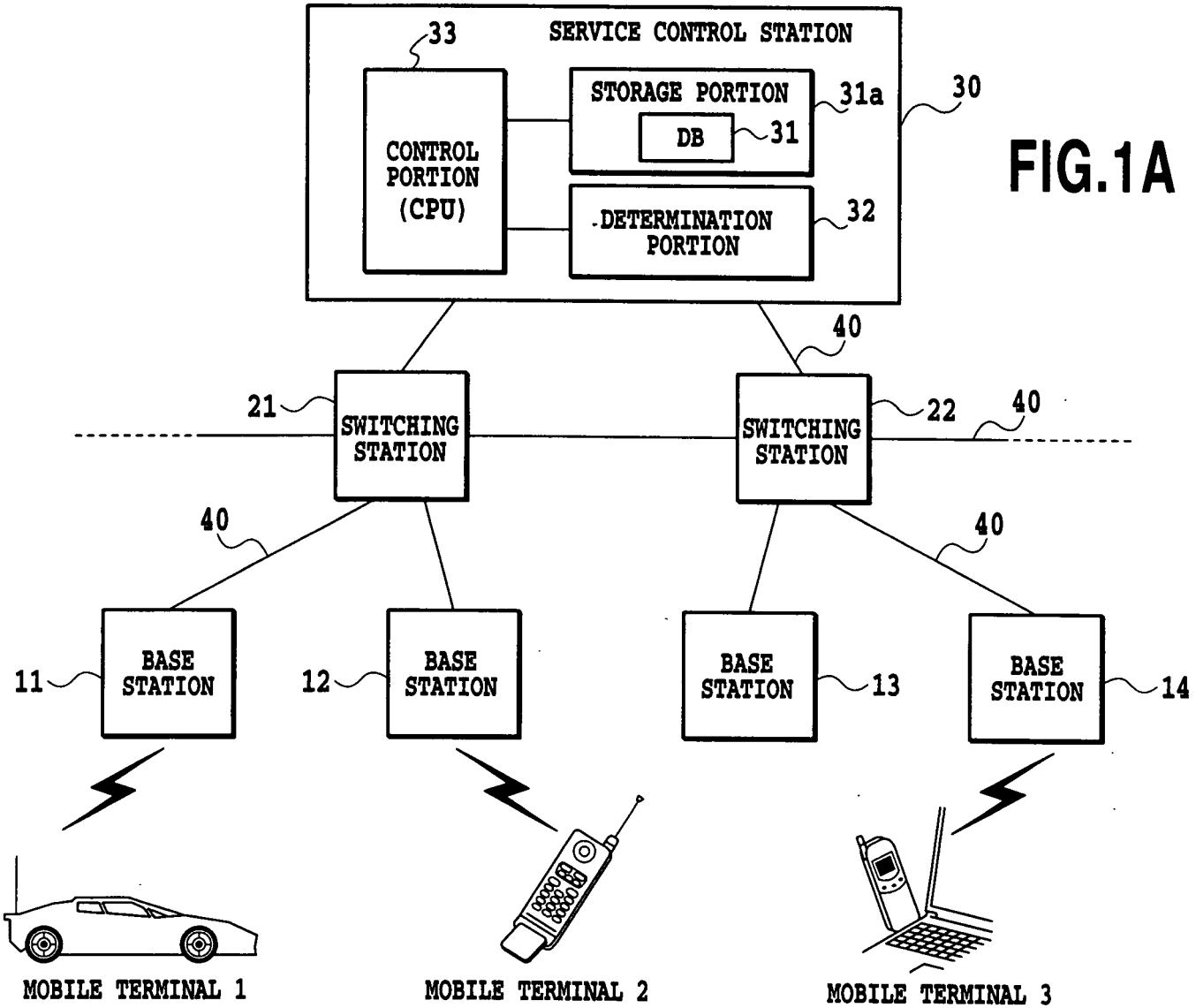

1,2,3
MOBILE TERMINAL
DETECTION PORTION
51
TRAMSFER PORTION
52
AUTHENTICATION PORTION
53

FIG.1A


33
SERVICE CONTROL STATION
CONTROL PORTION (CPU)
STORAGE PORTION
31a
DB
31
30
DETERMINATION PORTION
32
40
21
SWITCHING STATION
SWITCHING STATION
22
40
40
40
11
BASE STATION
12
BASE STATION
BASE STATION
13
BASE STATION
14
MOBILE TERMINAL 1
MOBILE TERMINAL 2
MOBILE TERMINAL 3

41 TELEPHONE NUMBER	42 DEVICE NUMBER	43 LOCATION INFORMATION	44 AVAILABILITY FLAG
MSN1	MSI1	A11	1
	MSI2	A12	0
	MSI3	A13	0

FIG.2

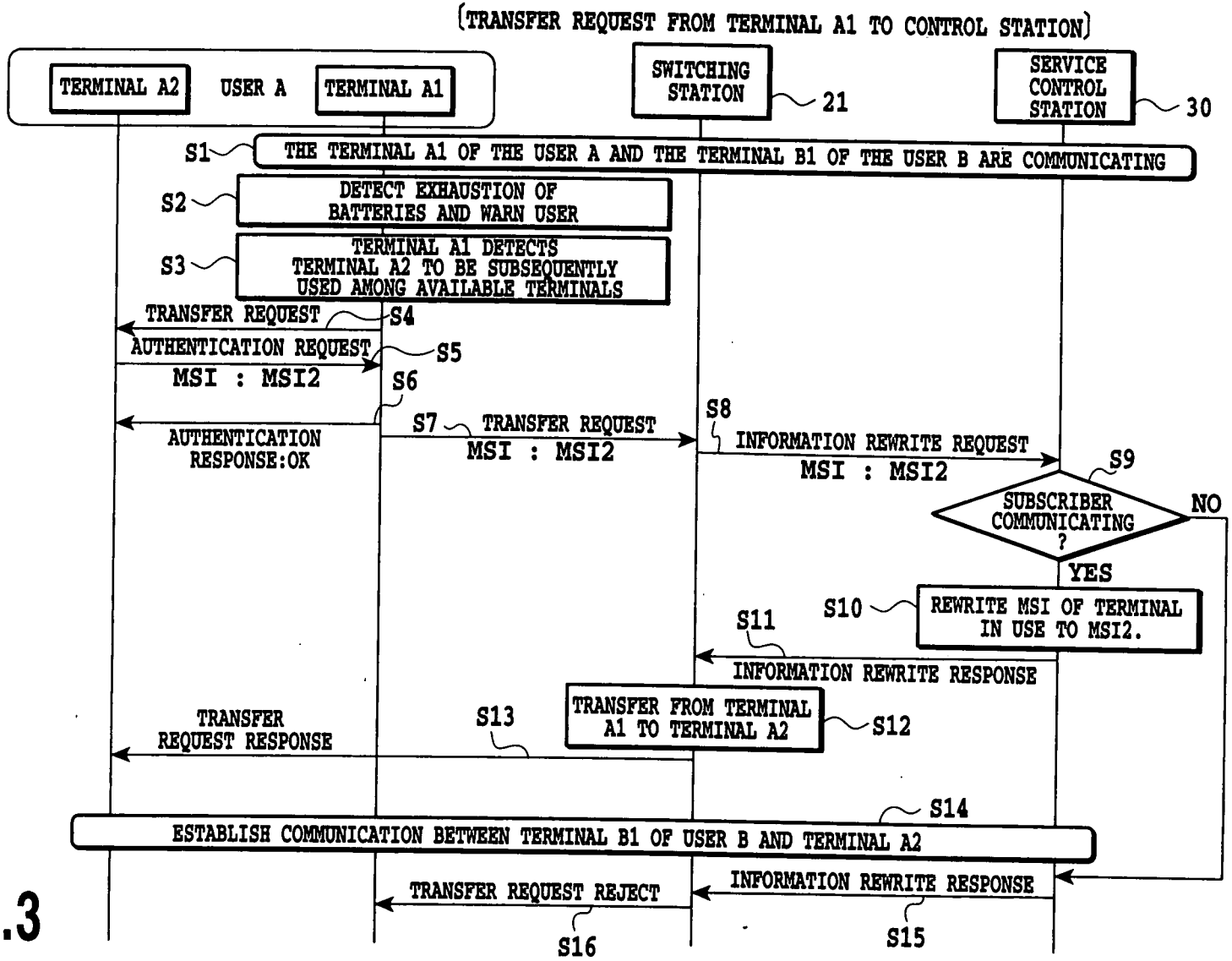

(TRANSFER REQUEST FROM TERMINAL A1 TO CONTROL STATION)
TERMINAL A2
USER A
TERMINAL A1
SWITCHING STATION
21
SERVICE CONTROL STATION
30
S1
THE TERMINAL A1 OF THE USER A AND THE TERMINAL B1 OF THE USER B ARE COMMUNICATING
S2
DETECT EXHAUSTION OF BATTERIES AND WARN USER
S3
TERMINAL A1 DETECTS TERMINAL A2 TO BE SUBSEQUENTLY USED AMONG AVAILABLE TERMINALS
TRANSFER REQUEST
S4
AUTHENTICATION REQUEST
S5
MSI : MSI2
S6
AUTHENTICATION RESPONSE:OK
S7
TRANSFER REQUEST
MSI : MSI2
S8
INFORMATION REWRITE REQUEST
MSI : MSI2
S9
SUBSCRIBER COMMUNICATING ?
NO
YES
S10
REWRITE MSI OF TERMINAL IN USE TO MSI2.
S11
INFORMATION REWRITE RESPONSE
TRANSFER FROM TERMINAL A1 TO TERMINAL A2
S12
TRANSFER REQUEST RESPONSE
S13
S14
ESTABLISH COMMUNICATION BETWEEN TERMINAL B1 OF USER B AND TERMINAL A2
TRANSFER REQUEST REJECT
S16
INFORMATION REWRITE RESPONSE
S15

FIG.3

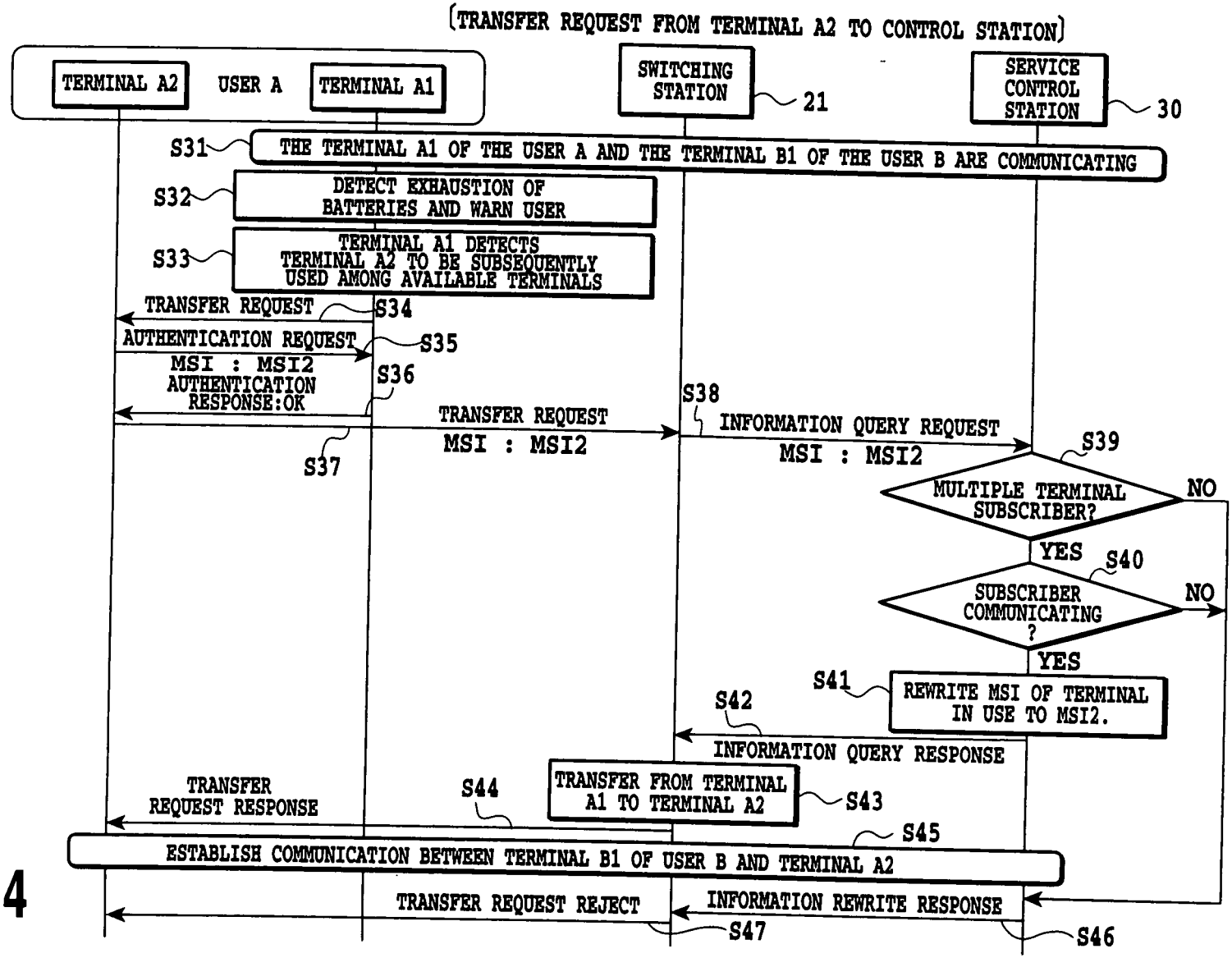

(TRANSFER REQUEST FROM TERMINAL A2 TO CONTROL STATION)
TERMINAL A2
USER A
TERMINAL A1
SWITCHING STATION
21
SERVICE CONTROL STATION
30
S31
THE TERMINAL A1 OF THE USER A AND THE TERMINAL B1 OF THE USER B ARE COMMUNICATING
S32
DETECT EXHAUSTION OF BATTERIES AND WARN USER
S33
TERMINAL A1 DETECTS TERMINAL A2 TO BE SUBSEQUENTLY USED AMONG AVAILABLE TERMINALS
TRANSFER REQUEST
S34
AUTHENTICATION REQUEST
S35
MSI : MSI2
S36
AUTHENTICATION RESPONSE:OK
S37
TRANSFER REQUEST
MSI : MSI2
S38
INFORMATION QUERY REQUEST
MSI : MSI2
S39
MULTIPLE TERMINAL SUBSCRIBER?
NO
YES
S40
SUBSCRIBER COMMUNICATING ?
NO
YES
S41
REWRITE MSI OF TERMINAL IN USE TO MSI2.
S42
INFORMATION QUERY RESPONSE
TRANSFER FROM TERMINAL A1 TO TERMINAL A2
S43
TRANSFER REQUEST RESPONSE
S44
S45
ESTABLISH COMMUNICATION BETWEEN TERMINAL B1 OF USER B AND TERMINAL A2
TRANSFER REQUEST REJECT
S47
INFORMATION REWRITE RESPONSE
S46

FIG.4